

## ABSTRACT

A universal joint (4; 6) comprises an outer ring (28) held in a fitting hole (25) of a yoke (20; 21) and supporting a trunnion (24) so as to be rotatable with a needle roller (27) sandwiched therebetween. The outer ring (28) comprises a main body (281) fitted in the fitting hole (25) and a closed end (282) provided at one end in the main body (281). The trunnion (24) comprises an end surface (24a) having a ball holding hole (29; 29A) formed thereon. A ball receiving section (31; 31A) for elastically receiving a ball (30) held in the ball holding hole (29; 29A) is provided at the closed end (282) of the outer ring (28). The ball receiving section (31; 31A) comprises either one of a conical tapered surface (31) and a concavely-curved surface (31A). The radius of curvature ( $R_b$ ) of the concavely-curved surface (31A) is larger than the radius ( $R_a$ ) of the ball (30).